

SEP 13 2003

RECEIVED

SEP 15 2003

TECH 15 2003

ER 16007

ATGGCGTCACAGAAGAGACCCTCCAGAGGCACGGATCCAAGTACCTGGCCACAGCAAGTACCATGGACC

1

M A S Q K R P S Q R H G S K Y L A T A S T M D

ATGCCAGGCATGGCTTCCTCCCAAGGCACAGAGACACGGGCATCCTTGACTCCATCGGGCGCTTCTTTGG

H A R H G F L P R H R D T G I L D S I G R F F G

CGGTGACAGGGGIGCGCCAAAGCGGGGCTCTGGCAAGGACTCACACCACCCGGCAAGAAGTGTCACTAT

G D R G A P K R G S G K D S H H P A R T A H Y

GGCTCCCTGCCCCAGAAGTCACACGGCCGGACCCAAGATGAAAACCCGTAGTCCACTTCTTCAAGAACA

G S L P Q K S H G R T Q D E N P V V H F F K N

TTGTGACGCCTCGCACACCACCCCGTCGCAGGGAAAGGGAGAGGACTGTCCCTGAGCAGATTAGCTG

I V T P R T P P P S Q G K G R G L S L S R F S W

GGGGGCCGAAGGCCAGAGACCAGGATTTGGCTACGGAGGCAGAGCGTCCGACTATAAATCGGCTCACAAG

G A E G Q R P G F G Y G G R A S D Y K S A H K

GGATTCAAGGGAGTCGATGCCAGGGCACGCTTTCCAAAATTTTAAGCTGGGAGGAAGAGATAGTCGCT

G F K G V D A Q G T L S K I F K L G G R D S R

CTGCATCAGCATCGCTAGACGCTGA (SEQ ID NO: 4)

Fig.